



MERENKULKUHALITUKEN

TIEDOTUSLEHTI

1.10.1991

Helsinki

No 20/91

LIFE-SAVING APPLIANCES APPROVED BY THE NATIONAL BOARD OF NAVIGATION

The following list contains equipment and material approved by the National Board of Navigation by June 15th 1991.

Heikki Valkonen
Head of Maritime Department

Heikki Valkonen

Jan Janson
Maritime Inspector

Jan Janson

For further information contact: Maritime Inspections Division

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MERENKULKUHALITUKEN KARTTAPAINO
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N.B.

Type-approval decisions of the National Board of Navigation are issued for max. five years at a time. After that the manufacturer should apply for a new type-approval. If the importer or manufacturer does not send in a new application in time, the appliance will be deleted from the next edition.

A type-approved appliance or equipment, which has already been bought to the ship may be used as long as it is fit for use, if provisions do not prescribe otherwise.

Date of expiry: --- means that the appliance or equipment concerned is approved until further notice.

The marking "*" means that the appliance concerned is approved according to the International Convention of Safety of Life at Sea 1974 as amended in 1983.

APPROVED LIFE-SAVING APPLIANCES

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
<u>LINE-THROWING APPLIANCES:</u>			
Line-throwing appliance Kongsbergs Rednings- gevar M/52	Eivind Koch A/S, Norway	30-04-1954 1096/53/301	---
Line-throwing appliance Art.No.1104	Farsons Ky/Comet GmbH	09-12-1986 2999/86/305.1 " * "	12-91
Line-throwing appliance Ikaros-Line	Oy Maritim Ab/Norabel S (renewed 7.6.1991)	23-07-1986 29/351/91 " * "	07-96
Line-throwing appliance Speedline 250	Rymaco Oy/Pains-Wessex	25-07-1986 1391/86/305.1 " * "	07-91

ROCKET PARACHUTE
FLARES:

Rocket parachute flare Art.No.1232	Farsons Ky/Comet GmbH	09-12-1986 2999/86/305.1 " * "	12-91
Rocket parachute flare IKAROS 3401	Oy Maritim Ab/Norabel S (renewed 7.6.1991)	23-07-1986 29/351/91 " * "	07-96
Rocket parachute flare Para Red MK III	Rymaco Oy/Pains-Wessex	25-07-1986 1391/86/305.1 " * "	07-91

HAND FLARES:

Hand flare Art.No.1328	Farsons Ky/Comet GmbH	09-12-1986 2999/86/305.1 " * "	12-91
Hand flare Polar MK.2	Oy Maritim Ab/Norabel S (renewed 7.6.1991)	23-07-1986 29/351/91 " * "	07-96
Hand flare MK VI	Rymaco Oy/Pains-Wessex	25-07-1986 1391/86/305.1 " * "	07-91

IMPORTER/MANUFACTURER

APPROVED/
KD NO.DATE OF
EXPIRYBUOYANT SMOKE
SIGNALS:

Buoyant smoke signal Art.No.1320	Farsons Ky/Comet GmbH	09-12-1986 2999/86/305.1 " * "	12-91
Buoyant smoke signal No.3421	Oy Maritim Ab/Norabel S	23-07-1986 1496A/86/305.1 " * "	07-91
Buoyant smoke signal MK III	Rymaco Oy/Pains-Wessex	25-07-1986 1391/86/305.1 " * "	07-91
Smoke signal device BuoySmoke	Rymaco Oy/Pains-Wessex	25-07-1986 1391/86/305.1 " * "	07-91

LIFEBUOY
SMOKE SIGNALS:

Lifebuoy smoke signal No.3452	Oy Maritim Ab/Norabel S	23-07-1986 1496A/86/305.1 " * "	07-91
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LIFEJACKET LIGHTS:

Lifjacket light Type RS 05(Seepilz)	Farsons Ky/Paul Merten	02-03-1987 430/87/305.1 " * "	03-92
Lifjacket light Type LJ-2	Rymaco Oy/McMurdo Instrument Co Ltd England	11-03-1991	03-96
Lifjacket light SK-01A	RO-METALSERVIS/Yugoslavia (for newbuildings 356 and 357 only)	19-11-1987 2508/87/305.1 " * "	---
Lifjacket light Rescue-sun	Daniament Aps Denmark	08-11-1988 2330/351/88 " * "	11-93

IMPORTER/MANUFACTURER

APPROVED/
KD NO.DATE OF
EXPIRYLIFEBUOY LIGHTS:

Lifebuoy light L 41 B	Rymaco Oy/McMurdo Ltd England	03-03-1987 164/87/305.1 " * "	03-92
Self-igniting light and smoke signal for Lifebuoy (Man-overboard)	Rymaco Oy/Pains-Wessex England	25-07-1986 1391/86/305.1 " * "	07-91
Self-igniting light and smoke signal for lifebuoy (Man-overboard) Art.No.1654	Rymaco Oy/Pains-Wessex England	15-03-1991 4/351/91 " * "	03-96
Self-igniting light and smoke signal for lifebuoy (Man-overboard) Art.No.1215	Farsons Ky/Comet GmbH	02-03-1978 690/78/301	---
Lifebuoy light ASTRA	Rymaco Oy/McMurdo, England	22-12-1977 3108/77/301	---
Lifebuoy light BT 6121 and BT 6171	Oy Maritim Ab/Denmark	12-01-1987 2920/86/305.1 " * "	01-92
Lifebuoy light Art.No.1202	Farsons Ky/Comet GmbH	12-11-1980 2978/80/301	---
Lifebuoy light Type Tron 3F	Alftan Ab / A/S Jotron Elektronik	10-09-1979 1616/79/301	---
Self-igniting light and smoke signal for lifebuoy (Man-overboard) Art.No.1215	Farsons Ky/Comet GmbH	09-12-1986 2999/86/305.1 " * "	12-91
Self-igniting light and smoke signal for lifebuoy (Man-overboard) Art.No.01.305 Z	Oy Maritim Ab/ Carl Flemming GmbH,	19-08-1987 1563/87/305.1 " * "	08-92
Lifebuoy light Art.No.1205	Farsons Ky/Comet GmbH	09-12-1986 2999/86/305.1 " * "	12-91
Lifebuoy light Art.No.01.105 ZA MS	Oy Maritim Ab/ Carl Flemming GmbH, Germany	19-08-1987 1563/87/305.1 " * "	08-92

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifebuoy light SIGNA-FLASH	Napco Finland Oy/Canada	30-03-1982 176/82/305.1	---
Lifebuoy light L-41	Oy Rymaco Ab/McMurdo Ltd	13-05-1969 1225/69/301	---
Lifebuoy light L-40	Oy Rymaco Ab/McMurdo Ltd	13-12-1968 3077/68/301	---
Lifebuoy light Sea-Light	Oy Rymaco Ab/Pains- Wessex Ltd, England	09-08-1967 2421/67/301	---
Lifebuoy light Mark 11	Oy Interco Ab/Alexander- Schwimwell & Co	25-03-1955 793/55/301	---
Lifebuoy light TSI BLINK 437	Oy Hellesens Ab/Transis- tor Signal Industrier	24-03-1975 1225/75/301	---

BATTERIES FOR LIFERAFT
INNER LIGHTING:

Viking Type 302/1	A/S Nordisk Gummibåds- fabrik, Denmark	24-11-1981 658/81/301	---
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HYDROSTATIC
RELEASE UNITS:

Hydrostatic release unit DK 84	Structor Oy/Thanner & Co	24-10-1986 294/86/305.1 " * "	10-91
Hydrostatic release unit HAMMAR H 20	Oy Maritim Ab/C.M. Hammar S (renewed 17.7.1991)	28-04-1986 342/86/305.1 " * "	04-96

RETRO-REFLECTIVE TAPE:

Retro-reflective tape AP-1000	Erikoisheijastin Oy/ USA	09-03-1987 377/87/305.1 " * "	03-92
Retro-reflective Scotchlite Brand SOLAS GRADE 3150 - I type I and II	Suomen 3M/USA	07-05-1991 18/351/91 " * "	05-96
Scotchlite Brand SOLAS GRADE 6750 - I type I and II		07-05-1991 18/351/91 " * "	05-96

IMPORTER/MANUFACTURER

APPROVED/
KD NO.DATE OF
EXPIRYEMERGENCY RADIOBEACONS:

TRON 1 K

Standard Electric
Puhelinteollisuus Oy
(121.5 MHz and MHz)26-10-1988
TLH 88490001

TRON 30 S

Standard Electric
Puhelinteollisuus Oy
(121.5 MHz, 243 MHz
and 406.025 MHz)20-09-1987
THL 12720

BUOYANT APPARATUS:Buoyant apparatus
PUR 10,15 and 20

PU-Rakenne Oy/Tampere

13-03-1987
640/87/305.1

03-92

Buoyant apparatus
SB-10Oy Maritim Ab/Oy Vihe-
Tuotanto01-11 1990
2219/351/90

11-95

Buoyant apparatus
SB-6Oy Maritim Ab/Oy Vihe-
Tuotanto01-11-1990
2219/351/90

11-95

Buoyant apparatus
FANTTIToivo Rahja/Aluminium A/S
(Separate approval for
each vessel)

18-07-1986

Buoyant apparatus
Petra IVeli Palvainen/the same
(Separate approval for
each vessel)16-07-1986
1637/86/305.1

Buoyant apparatus
Artekno 13Veijo Sonkamuotka
(Separate approval for
each vessel)21-08-1985
2360/86/305.1

Buoyant apparatus
TOM-LAUTTATom Granmark
(Separate approval for
each vessel)22-08-1985
2236/85/305.1

Buoyant apparatus
SCANVIKRunar Österlund/Structor
(ms Amiraali only)22-01-1985
3322/84/305.1

Buoyant apparatus
JYSKY 15Ilves Laivat Oy
(ms Suvetar only)10-06-1981
1632/81/301

Buoyant apparatus
PEPSI 6Aake Martikainen
(ms Pepsi only)25-05-1982
1604/82/305.1

Buoyant apparatus
SOFA-LIFE 10

Sofa Oy

15-08-1978
2834/78/301

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Buoyant apparatus 12 and 20 SCANVIK	Structor Oy/Nordisk Gummibådsfabrik, Denmark	10-04-1981 2800/79/301	---
Buoyant apparatus EVA 12	Anders Andersson (ms Emma only)	03-11-1980 3266/80/301	---
Buoyant apparatus VIRELAUTTA 15	Esko Piispa	02-06-1980 1585/80/301	---
Buoyant apparatus GRETA 20	Stefan Svaetichin	15-02-1979 4566/78/301	---
Buoyant apparatus LINNA 22	Veneveistämö A.Niskanen	02-08-1977 2393/77/301	---
Buoyant apparatus E-G PELASTAJA-78 8	Enso-Gutzeit Oy	19-05-1978 1425/78/301	---
Buoyant apparatus E-G PELASTAJA-20 20	Enso-Gutzeit Oy	27-05-1976 1617/76/301	---
Buoyant apparatus RIMITO 20	Lasikuitutyö Virtanen Oy	19/05/1978 2610/77/301	---
Buoyant apparatus VIRTUS 16 and 19	Saimaan Trippimatkat Oy	06-07-1977 2646/77/301	---
Buoyant apparatus TIKO 20	Veneveistämö A.Niskanen	02-08-1977 2393/77/301	---
Buoyant apparatus TIMPPA 15	Veneveistämö A.Niskanen	02-08-1977 2393/77/301	---
Buoyant apparatus VILIAM 18	Reino Lehtinen	01-02-1977 291/77/301	---
Buoyant apparatus TIIRA 14	Tampereen Laivamatka- palvelu	03-03-1977 1411/77/301	---
Buoyant apparatus KOSKI 5	Taivalkosken Vene- veistämö	03-06-1977 1045/77/301	---
Buoyant apparatus LOKKI 12	Tampereen Laivamatka- palvelu	03-06-1977 1411/77/301	---
Buoyant apparatus BELIN 4,6 and 10	Maskin Imports Ab/ Soliso, France	09-12-1976 4123/76/301	---
Buoyant apparatus SAIMAA LAUTTA 22	Savon Saukot Ry	26-08-1976 2688/76/301	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Buoyant apparatus 12,16,22,25 and 27 KEIJO LAUTTA	Keijo Partanen	22-06-1976 2166/76/301	---
Buoyant apparatus MARINA 16	Pohjois-Karjalan Keskusammattikoulu	04-05-1976 863/76/301	---
Buoyant apparatus ERRY-LAUTTA 16	Eriste-Virtaset/ Virtanen & CO	05-02-1976 4775/75/301	---
Buoyant apparatus SALTER 14 and 20	Rymaco Oy/Salter Ltd	23-09-1975 3122/75/301	---
Buoyant apparatus GLAFI 6,12,16, 20 and 22	Oy Structor Ab/Einar Elvrund Teknisk Bedrift A/S, Norway	06-05-1971 493/70/301	---
Buoyant apparatus MARINAL 12	Oy Maritim Ab/ Aanensen & Co, Norway	28-04-1967 1437/67/301	---
Buoyant apparatus K 20	Turun Veneveistäjä	28-04-1967 1351/67/301	---
Buoyant apparatus K 16	Turun Veneveistäjä	28-04-1967 955/67/301	---
Buoyant apparatus AR 66-10 and AR 66-20	Artekno Oy	16-08-1966 2263/66/301	---
Buoyant apparatus LIBRA 20	Oy Per G. Thömts Ab/ Libra Plats, Norway	13-05-1966 1304/66/301	---
Buoyant apparatus MERMAN 20	Karhumyynti Oy/Maritime Plastic Co, Denmark	16-05-1961 1092/61/301	---
Buoyant apparatus BELIN K.1 6,10,16,20	Henrik Dahlman & Co/ Soliso, France	16-05-1961 2249/59/301	---
Buoyant apparatus SALAR 5	Voitto Kari (in inshore traffic and on fishing vessels only)	06-11-1987 178/155/442/87	11-92
Buoyant apparatus ARIS	Lappeenrannan Laivat Oy (ms Camilla and ms Katrilli)	05-09-1990 1126/312/90	---
Buoyant apparatus JANIKA	Pauli Lindqvist (SF-Adiina only)	29-10-1990 2204/351/90	---

IMPORTER/MANUFACTURER

APPROVED/
KD NO.DATE OF
EXPIRYLIFEBUOYS:

Lifebuoy N 75 2.5 kg and 4 kg N 85 2.5 kg and 4 kg	Jotekno Ky (renewed 23.4.1990)	01-03-1985 251/85/305.1 " * "	03-90
Lifebuoy SCANMARIN A-45174/81	Bakelitfabriken A/S, Norway	20-11-1981 2918/81/301	---
Lifebuoy International N 2,5 kg International S 4,5 kg	Paul Merten GmbH, Germany	24-11-1988 2622/351/88 " * "	11-93
Lifebuoy Besto-Buoy 2,5 kg Besto-Buoy 4,5 kg	Oy Rymaco Ab/Besto Redding b.v., Holland	01-11-1990 1969/351/90 " * "	10-95
Lifebuoy Plastimo Buoy 2,5 kg Plastimo Buoy 4 kg	Plastimo Finland Oy	01-11-1990 2222/351/90 " * "	11-95

LIFERAFTS:

Liferaft 4,6,8,10,12,16, 20 and 25 DK and 12,16,20 and 25 DKF	Structor Oy/Nordisk Gummibådsfabrik A/S (DK = jettisoned) (DKF = davit-launched)	16-01-1987 1815/86/305.1 " * "	01-92
Liferaft 6,8,10,12,16,20 and 25 K and 20 and 25 KF 12 and 16 KF	Structor Oy/Nordisk Gummibådsfabrik A/S (K = jettisoned) (KF = davit-launched)	19-06-1975 1821/75/301 2003/78/301	---
Liferaft NF-25	Structor Oy/Nordisk Gummibådsfabrik A/S	07-10-1969 2653/69/301	---
Liferaft 6,8,10/12,15/16, 20 and 25 LR 86 and 12,15/16,20 and 25 LR 86 L	Deutsche Schlauchboot- fabrik Hans Scheibert GmbH & Co Kg (renewed 27.5.1991) (LR 86 = jettisoned) (LR 86 L = davit-launched)	08-10-1986 1265/86/305.1 " * "	10-91
Liferaft 6,8,10,12,15,20 and 25 MM and 20 and 25 MC	Aseko Oy/Autoflug GmbH (MM = jettisoned) (MC = davit-launched)	28-03-1978 3324/76/301	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Liferaft PETREL 2000 5, ALK 2000 6, and TEAL 2000 8	Aseko Oy/Autoflug GmbH	18-06-1980 164/80/301	---
Liferaft 6,8,10,12,16, 20 and 25 Surviva and 12,16,20 and 25 DL	Oy Maritim Ab/RFD Ltd (DL = davit-launched)	14-04-1986 519/86/305.1 " * "	04-91
Liferaft 4/5,6/7 and 8/9 ATLANTIC	Oy Maritim Ab/ Ballonfabrik GmbH (in inshore traffic and on fishing vessels only)	02-10-1986 1464/86/305.1	10-91
Liferaft 12 persons ATLANTIC	Oy Maritim Ab/ Ballonfabrik GmbH (in inshore traffic and on fishing vessels only)	27-07-1989 1244/351/89	07-94
Liferaft 4/5,6/7 and 8/9 PACIFIC	Oy Maritim Ab/Ballon- fabrik GmbH (in inshore traffic and on fishing vessels only)	21-10-1987 827/87/305.1	10-92
Liferaft 6,8,10,12,15,20 and 25 MM Mark 6	Oy Maritim Ab/ R.F.D Ltd	05-12-1979 1303/79/301	---
Liferaft 6 ME	Oy Maritim Ab/ R.F.D Ltd	29-06-1978 2541/78/301	---
Liferaft 25 MA	Oy Maritim Ab/ R.F.D Ltd (in inshore traffic only)	10-03-1977 854/77/301	---
Liferaft for 8 persons	Oy Maritim Ab/ R.F.D Ltd (fishing vessels only)	06-11-1964 2047/64/301	---
Liferaft 4,6,8,10 and 12FM and 4,6,8,10,12,15, 20 and 25	Oy Maritim Ab/ R.F.D Ltd	18-12-1959 748/59/301	---
Liferaft MC MK 1 for 20 and 25 persons	Oy Maritim Ab/ R.F.D Ltd (davit-launched)	03-12-1963 3087/63/301	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Liferaft 4,6 and 8 UK	Structor Oy/Nordisk Gummibådsfabrik A/S (coastal and inshore)	12-10-1981 2383/81/301	---
Liferaft 6DSL 8DSL 10DSL 12DSL 16DSL 20DSL and 25DSL and 20F and 25F DSL	Paavo W Pirilä Ky/ Deutsche Schlauchboot- fabrik GmbH (F = davit-launched)	26-04-1982 3484/81/301	---
Liferaft Seiner(4), Cutter(6) Yawl(8), Trawler(10) Drifter(12), Schooner(15), Freighter(20) and Merchantman(25)	Rymaco Oy/Elliott/ R.F.D. Ltd, England	06-10-1961 2285/61/301	---
Liferaft Seabel(5)	Rymaco Oy/Elliott/ R.F.D Ltd, England (fishing vessels only)	27-04-1962 931/62/301	---
Liferaft 6,8,10,12,16,20 and 25 RBM and 20 QM	Rymaco Oy/Beaufort Air-Sea Equipment Ltd	22-04-1981 1753/80/301	---
Liferaft 25 X	Rymaco Oy/Beaufort Air-Sea Equipment Ltd	25-04-1972 1364/72/301	---
Liferaft 4,6,8,10,12,16, 20 and 25 RB	Farsons Ky/Beaufort Air-Sea Equipment Ltd (4 = not on internatio- nal voyages)	07-12-1976 4286/76/301	---
Liferaft 25 Q	Farsons Ky/Beaufort Air-Sea Equipment Ltd	19-12-1973 4014/73/301	---
Liferaft 4,6 and 8 RB/UK	Farsons Ky/Beaufort Air-Sea Equipment Ltd	29-08-1979 956/79/301	---
Liferaft 4,6 and 8 Type 6 M Yachtmaster	Interco Oy/Dunlop Ltd	27-09-1977 3315/77/301	---
Liferaft Seafarer-Type 3 4,6,10,12,15,20 and 25	Interco Oy/Dunlop Ltd (4 = fishing vessels only)	09-08-1971 2285/71/301	---
Liferaft Seafarer-Type 4 8	Interco Oy/Dunlop Ltd	09-08-1971 2285/71/301	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Liferaft Seafarer-MK 4 for 6,8,10,12,15,20 and 25 persons	Interco Oy/Dunlop Ltd	04-11-1987 704/87/305.1 " * "	11-92
Liferaft Seafarer-MK 4 DL for 12,15,20 and 25 persons	Interco Oy/Dunlop Ltd (davit-launched)	04-11-1987 704/87/305.1 " * "	11-92
Liferaft Type 4M 4,6 and 8	Oy Interco Ab/Dunlop Ltd, England	01-08-1972 2286/71/301	---
Liferaft Seafarer 25	Interco Oy/Dunlop Ltd (davit-launched)	09-08-1971 916/70/301	---
Liferaft Seamaster MK2 for 4 persons	Interco Oy/Dunlop Ltd (fishing vessels only)	23-10-1962 3258/62/301	---
Liferaft Seamaster MK 3M for 6 persons	Interco Oy/Dunlop Ltd	14-04-1967 928/67/301	---
Liferaft AVON 4,6 and 8	Maritim Ab/Avon Inflat- ables Ltd	30-12-1976 4374/76/301	---
Viking Marine Escape System (with 45 persons liferafts)	Oy Structor Ab/Nordisk Gummibådsfabrik, Denmark	18-11-1987 222/87/305.1 " * "	11-92
Liferaft type 50 Dk	Oy Structor Ab/Nordisk Gummibådsfabrik, Denmark (to be used with Viking Marine Escape System)	28-03-1989 198/351/89 " * "	03-94
Liferaft type RF/2 B 6, 8, 12, 16, 20 and 25 persons	VEB Textil- und Vered- lungsbetrieb/ Oy Structor	15-08-1988 1122/85/305.1 " * "	08-93

RIGID LIFERAFTS:

Rigid liferaft 6,10,15 and 20 DAUPHIN	Maskin Import Oy/Soliso	13-05-1976 1699/76/301	---
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	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Rigid lifteraft Belin RS 2 for 10,14, 17 and 20 persons	Henrik Dahlman, Mariehamn	25-06-1968 1579/68/301	---
Rigid lifteraft Belin RK 2 for 6,10 and 17 persons	Soliso, France/ Henrik Dahlman & Co	15-05-1961 2249/59/301	---
Rigid lifteraft Floating Igloo for 6,10,14,15,20 and 22 persons	Rymaco Oy/Valter Tangen A/S, Norway	16-11-1965 1472/65/301	---

LIFERAFT RELEASE HOOKS:

Atlas Mark II	Oy Interco/William Mills Ltd, England	04-08-1967 1978/67/301	---
ARH 23 SWL=23 kN ARH 39 SWL=39 kN	Schat-Davit Company BV, Holland	31-05-1991 480/320/90 " * "	05-96

INFLATABLE
RUBBER BOATS:

B.O.T.I-Searover for 6 and 9 persons	Interco Oy/Dunlop Ltd	09-08-1971 2284/71/301	---
S-MA 2 and S-MA 3 for fishing vessels	Paavo W Pirilä Ky	10.01.1964 3143/63/301	---

LIFEJACKETS:

Lifejacket Crewfit Automatic Working-jacket	Marnela Ky/Crewsaver Marine Ltd, England	08-01-1991 2541/351/90	01-96
Lifejacket Type A2 and Type AXI	Greben Vela Luka, Yugoslavia (for newbuildings 356 and 357 only)	05-08-1987 1673/87/302 " * "	08-92
Lifejacket RT-84 and RT-45	Rymaco Oy (renewed 12.01.1990)	31-12-1984 2038/84/305.1 " * "	12-89
Lifejacket RT-88 and RT-48	Rymaco Oy	10-03-1988 507/88 " * "	03-93

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifejacket RT-63P	Rymaco Oy	29-01-1963 339/63/301	---
Lifejacket Seepiltz	Agentur Neumann/Paul Merten, Germany	22-07-1968 1580/68/301	---
Lifejacket Hart-Imco	Paavo.W.Pirilä Ky/ England	29-03-1972 3851/71/301	---
Lifejacket PKM/71	Pohjois-Karjalan Meri- pelastusyhdistys	06-05-1971 829/69/301	---
Lifejacket Seamaster	Neotrade Oy/Brödrene Sunde A/S	20-05-1969 3551/68/301	---
Lifejacket Seamaster 1983 (adult/children)	A/S Sunmore Livbelte- fabrik	13-09-1989 696/87/305.1 " * "	09-94
Lifejacket Vedette 48	Compitour des Lieger, France	25-03-1969 238/67/301	---
Lifejacket Ulvex 2090	Ulvunda Gummifabriks AB	19-08-1966 1510/192/66	---
Lifejacket Ulvex 880	Ulvunda Gummifabriks AB	21-04-1964 1407/64/301	---
Lifejacket MERMAN VIII	Hispano-Finlandesa Oy/ Maritime Plastic Co A/S	10-06-1966 3122/65/301	---
Lifejacket MERMAN 14 A (adult) MERMAN 14 A (children)	Oy Synkronex/Maritime Plastic Co A/S, Denmark	06-06-1989 1088/351/89 " * "	06-94
Lifejacket RT-30 and RT-30P	Rymaco Oy	26-11-1965 3166/65/301	---
Lifejacket PP-12 PP-10	Plastopor Oy	11-01-1966 3518/65/301 4538/64/301	---
Lifejacket IGLOO	Bera Oy/Walter Tangen A/S	02-07-1965 1961/65/301	---
Lifejacket HL/60	Oy Maritim Ab	22-10-1965 2948/65/301	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifejacket Secumar 17	Tele-Air Oy Ltd	02-07-1965 2047/65/301	---
Lifejacket Bergens Lifejacket Bergens Lifesaver	Structor Oy/Bergens Meis og Ryggsekk A/S	31-08-1965 2116/65/301	---
Lifejacket RT-20	Rymaco Oy	17-03-1964 960/63/301	---
Lifejacket RT-20P	Rymaco Oy	17-03-1964 960/64/301	---
Lifejacket Saropor 63	Artekno Oy	29-01-1963 336/63/301	---
Lifejacket RT-63 P and RT-63	Rymaco Oy	29-01-1963 339/63/301 338/63/301	---
Lifejacket HL-85 and HL-85 L	Oy Maritim Ab (renewed 1.11-90)	17-12-1985 2220/351/90 " * "	12-95
Lifejacket MERMAN XII 50-2 and 51-2.	Maritime Plastic A/S	28-05-1982 814/82/305.1	---
Lifejacket Triumf 4-1969 and Triumf Cruiser 1969	A/S Christiansens Liv- beltefabrik, Norway	19-06-1975 1959/75/301	---
Lifejacket Kon-Tiki for adults and children	Provag Oy/Brødrene Sunde A/S, Norway	19-06-1975 2144/75/301	---
Lifejacket Kon-Tiki 88 (adults) Kon-Tiki 88 (children)	Regatta A/S, Norway	15-05-1990 964/351/90 " * "	05-95
Lifejacket BOA D-54-17	Achilles Sourander/	14-01-1966 3158/65/301	---
Lifejacket BOA D-54-13	Achilles Sourander/ France	11-03-1966 715/66/301	---
Lifejacket McMurdo LJ-2	Oy Rymaco Ab/McMurdo Instruments Co Ltd	11-03-1991 3/351/91	03-96

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifejacket PRSLUK-A/IV	Ålandsfärjan Ab (separate approval for each vessel)	05-04-1966 2498/65/301	---
Lifejacket W 86 (adults) W 80 (children)	Paul Merten GmbH, Germany	04-11-1988 2391/351/88 " * "	11-93
<u>SURVIVAL SUITS:</u>			
Survival suit E-305-2/and E-305-4	Maritim Ab/ Helly Hansen A/S (renewed 14.04.1987)	03-03-1987 2795/86/305.1 " * "	03-92
Survival suit E-305-7	Maritim Ab/ Helly-Hansen A/S	20-09-1988 2795/86/305.1 " * "	09-93
Musk Ox Survival suit 5002	Structor Oy/Nordisk Gummibådsfabrik, Denmark	03-03-1987 2703/86/305.1 " * "	03-92
Survival suit SEASTEP	Liitin Oy/S.I.D.E.P.	20-01-1987 2589/86/305.1 " * "	01-92
Survival suit 5001 and Rescue suit 5003	Ursuk Oy (renewed 30.1.1990)	26-03-1985 785/85/305.1 " * "	03-95
Survival suit URSUIT 5020	Ursuk Oy	25-05-1987 970/87/305.1 " * "	05-92
Survival suit 8380	Rukka Oy	02-10-1986 2452/86/305.1 " * "	10-91
Rescue suit 8381	Rukka Oy	27-03-1987 760/87/305.1 " * "	03-92
Survival suit 804 L and 806 L	Tarpo Ky	04-06-1986 1446/86/305.1 " * "	06-91
Survival suit 810 and 811	Tarpo Ky	07-09-1988 102/351/88 " * "	09-93

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Survival suit 800	Tarpo Ky	14-05-1990 1065/351/90 " * "	05-95
Survival suit STEARNS ISS 590 (A)	Rymaco Oy/Stearns, USA	14-11-1986 936/86/305.1 " * "	11-91
Survival suit STEARNS ISS 590 (I)	ATP-TRADING/Stearns, USA	19-06-1990 768/351/90 " * "	06-95
Survival suit FCO Aqua Sur- vival Suit MK.84	Finn Chr.Olsen & Son A/S, Norway	25-05-1988 405/351/88 " * "	05-93
Survival suit IMPERIAL SURVIVAL SUIT no 1409	Aimo Häihänen (Approved only for ms Sanna, ms Esso Finlandia and ms Tankgard)	12-01-1989 2774/312/88 " * "	---
Survival suit IMPERIAL SURVIVAL SUIT no 1409	Leif Grönqvist (Approved only for ms Tower Julie)	04-02-1991 3/320/91 " * "	---
Survival suit BAYLEYSUIT MODEL 7-01-07	Caj Kumenius/ BAYLEYSUIT INC, USA	19-09-1988 2082/351/88 " * "	09-93

THERMAL PROTECTIVE AIDS:

Thermal protective aid ASCOTHERM IMO 86	Oy Maritim Ab/ Ascon-Kemi AB (renewed 9.5.1991)	25-08-1986 1406/86/305.1 " * "	05-96
Thermal protective aid TYRO-3	Tyroprodukter Ab/Ludvig Kft, Hungary (renewed 3.12.1990)	21-03-1986 810/86/305 " * "	03-96
Thermal protective aid TYRO 2:2	Tyroprodukter Ab/Ludvig Kft, Hungary	06-11 1989 2245/351/89 " * "	11-94
Thermal protective aid GRP-87	Turun Markilisi ja Peite Oy	05-10-1987 2133/87/305.1 " * "	10-92

IMPORTER/MANUFACTURER

APPROVED/
KD NO.DATE OF
EXPIRYDAYLIGHT SIGNALLING LAMPS:

Daylight signalling lamp Aldis Longrange	Oy Maritim Ab (Hjelt & Lindgren)	16-09-1955 2112/55/301	---
Daylight signalling lamp KELAMP	Oy Maritim Ab	20-10-1989 1588/357/89 " * "	10-94

LIFEBOAT AND
LIFERAFT HOOKS:

Lifting hook multipurpose on-load/off-load type A SWL = 10 tons type B SWL = 6 tons	Fiskars Oy	21-11-1985 19/351/91 " * "	11-90
Liferaft hook Cranston-Eagle	Cranston Ky	11-07-1984 1461/84/305 " * "	---
Rescue boat lifting-hook type 1,3 T type 2,6 T	Ernst Hatecke GmbH/ Germany	27-01-1989 2423/351/88 " * "	01-94
Lifeboat lifting-hook type A SWL = 8,7 tons type B SWL = 9,0 tons	Deveser Oy/Finland	03-01-1990 1969/351/89 " * "	01-95
Lifeboat lifting-hook type C SWL = 10,0 tons	Deveser Oy/Finland	01-02-1990 461/351/90 " * "	02-95
Lifeboat lifting-hook type RRH 15 SWL = 1,5 tons	Schat-Davit Company GmbH, Germany	03-09-1990 1615/320/89 " * "	09-95

LIFERAFT
WATER BOTTLES:

Drinking water bottle for liferafts Brickteiner 500 ml (R)	Transaktor Int.Kb/ MP Water Ltd	14-11-1986 1195/86/305.1 " * "	11-91
Drinking water bottle Sachet packed drinking water 100 ml and 50 ml	FLORIDA CHEMIE GmbH, Germany	26-10-1988 2247/351/88 " * "	10-93

IMPORTER/MANUFACTURER

APPROVED/
KD NO.DATE OF
EXPIRYPILOT LADDERS:

Pilot ladder LL 955	Liitin Oy/ Norse Aluminium A/S (renewed 29.8.1989)	01-03-1985 3005/84/305.1 " * "	03-94
Pilot ladder PT 70 T	Peiteneulomo Tarpaulin/	02-06-1970 1892/70/301	---
Pilot ladder	Hispano Finlandesa/ Aluminio Earle S.A.	09-12-1975 3339/75/301	---
Lifeboat and life- raft ladders	Liitin Oy/ Norse aluminium A/S	23-01-1989 192/351/89 " * "	01-94
Lifeboat and life- raft ladders type KOPAS	AS.H. Koppernäs&Sønner, Norway	03-10-1990 1989/351/90 " * "	10-95
Pilot ladder type KOPAS	AS.H. Koppernäs&Sønner, Norway	09-10-1990 1989/351/90 " * "	10-95
Pilot ladder type SEL-1368	ATP-Trading/Rudolf Seldis kg, Germany	15-04-1991 10/351/91 " * "	04-96
Lifeboat and life- raft ladders type SEL-1382	ATP-Trading/Rudolf Seldis kg, Germany	15-04-1991 10/351/91 " * "	04-96

LIFEBOAT MOTORS:

Lifeboat motor ILO DL 660 and ILO DL 425	Maskino Ky/ILO Werke GmbH, Germany	05-03-1968 27/68/301	---
Lifeboat motor Wickström DR2	Vaasan Moottori Oy	09-01-1968 3748/67	---
Lifeboat motor Sabb type G	Damsgård Motorfabrik, Norway	20-11-1959 2735/59/301	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifeboat motor Bukh DV 48 RME	Motorfabriken Bukh A/S, Denmark	26-10-1988 1527/351/88 " * "	10-93
Lifeboat motor Bukh DV 36 RME	Motorfabriken Bukh A/S, Denmark	26-10-1988 1527/351/88 " * "	10-93
Lifeboat motor Bukh DV 24 RME	Motorfabriken Bukh A/S, Denmark	26-10-1988 1527/351/88 " * "	10-93
Lifeboat motor TAMD-61A	Ab Volvo Penta/Volvo Norge A/S	23-06-1988 1466/351/88 " * "	06-93
Lifeboat motor Sabb F6.595 TI Gr	Finn-Sabb 02520/Lappböle Sabb Motor A/S, Norway	13-02-1990 342/351/90 " * "	02-95
Lifeboat motor Sabb 2J/2JRG/2JHR	Finn-Sabb 02520/Lappböle Sabb Motor A/S, Norway	13-02-1990 342/351/90 " * "	02-95
Lifeboat motor Sabb L3-139 LB	Finn-Sabb 02520/Lappböle Sabb Motor A/S, Norway	13-02-1990 342/351/90 " * "	02-95
Lifeboat motor Sabb L4-186 LB	Sabb Motor A/S, Norway	03-01-1991 2522/351/90 " * "	01-96
Lifeboat motor Sabb L2-093 LB	Sabb motor A/S, Norway	03-01-1991 2522/351/90 " * "	01-96
Lifeboat motor Sabb F6.622 Gr	Finn-Sabb 02520/Lappböle Sabb Motor A/S, Norway	13-02-1990 342/351/90 " * "	02-95
Lifeboat motor Sabb F6.595 T	Finn-Sabb 02520/Lappböle Sabb Motor A/S, Norway	13-02-1990 342/351/90 " * "	02-95
Lifeboat motor Sabb F4.415 GR	Finn-Sabb 02520/Lappböle Sabb Motor A/S, Norway	13-02-1990 342/351/90 " * "	02-95

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifeboat motor Sabb M4.295 GR	Finn-Sabb 02520/Lappböle Sabb Motor A/S Norway	13-02-1990 342/351/90 " * "	02-95

LIFEBOAT SEARCH
LIGHTS:

Lifeboat search light UVL and UML	Akkumulatorindustri Ab	21-03-1967 117/67/301	---
Hand torch Q-Beam Big Max, Q-Beam Super Spot and Q-Beam Spot/Flood	Elwe Oy/Brinkmann Corp., USA	23-03-1981 725/80/301	---

FOOD SUPPLIES FOR LIFEBOATS
AND LIFERAFTS:

Lifeboat food supplies Seven Oceans All-in-one	Compact A/S, Norway	28-11-1978 4202/78/301	---
Lifeboat food supplies Verkade Red Tin	Leonard & Kni.Oy/ Koninklijke Verkade, Holland	12-04-1966 940/66/301	---
Lifeboat food supplies Verkade Blue	Rymaco Oy/Koninklijke, Holland	22-12-1977 4477/77/301	---

SIGNAL PISTOLS:

Signal pistol	Paavo W Pirilä Ky/ F.Feistel K.G. (only in accordance with the Finnish Reg. on Life- saving Appliances on Ships, 1987)	22-05-1975 1414/75/301	---
Signal pistol Art.No.1226 (parachute rocket)	Farsons Ky/Comet GmbH (only in accordance with the Finnish Reg. on Life-saving Appliances on Ships, 1987)	25-05-1987 1105/87/305.1	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Signal pistol Olin 25 mm (parachute rocket)	Oy Renlund Ab/Olin Corporation Signal Products (only in accordance with the Finnish Reg. on Life-saving Appliances on Ships, 1987)	20-04-1988 190/88/305.1	---

SAFETY LAMPS:

Safety lamp Bright Star type 2317 and type 2324	Rymaco Oy/Bright Star Industries Inc., USA	07-01-1975 2889/73/301	---
Safety lamp Dominit HE 120	Syberg & Syberg A/S, Norway	01-10-1970 2808/70/301	---
Safety lamp CEAG 4 p	Ab Marin Power Oy/ CEAG Ltd, England	17-01-1961 3798/60/301	---
Safety lamp CEAG UNIVERSAL SAFETY	Ab Marin Power Oy/ CEAG Ltd, England	17-01-1961 3798/60/301	---
Safety lamp TORCH	Ab Marin Power Oy/ CEAG Ltd, England	24-04-1959 3148/58/301	---

RESCUE BOATS/LIFE BOATS:

Lifeboat type 372 for 6/28 persons	Waterman Oy (rescue/lifeboat)	23-06-1988 1907/83/305.1 " * "	06-93
Lifeboat type 363 for 6/20 persons	Waterman Oy (rescue/lifeboat)	23-06-1988 275/85/305.1 " * "	06-93
Lifeboat type 22'MOBL 6/22 persons	Harding Safety A/S, Norway (rescue/lifeboat)	16-06-1989 607/302/88 " * "	06-94
Lifeboat type Pel 26/RB 6/26 persons	Shipyard GREBEN, Yugoslavia (for newbuilding 357 only)	26-05-1989 2648/87/305.1 " * "	05-94
Lifeboat type Alusafe 850 Combi	A/s Ulstein Forsynings- tjeneste, Norway	04-01-1990 2235/351/89 " * "	01-95

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
<u>RESCUE BOATS:</u>			
Rescue boat type 376 for 10 persons	Waterman Oy	23-06-1988 1559/85/305.1 " * "	06-93
Rescue boat type 364 for 7 persons	Waterman Oy (rescue boat of class II)	23-06-1988 3594/85/305.1 " * "	06-93
Rescue boat type 364 I for 6 persons	M.A.L.E Ltd Oy Waterman	27-06-1990 1380/351/90 " * "	06-95
Rescue boat type 364 II for 3 persons	M.A.L.E Ltd Oy Waterman (rescue boat of class II)	27-06-1990 1380/351/90 " * "	06-95
Rescue boat type FRB 500 6 persons	Ernst Hatecke GmbH, Germany	20-12-1989 1967/351/88 " * "	12-93
Rescue boat type RB 450/FBON 6 persons	Ernst Hatecke GmbH, Germany (renewed 7.6.1991)	07-06-1991 5/320/91 " * "	06-96
Rescue boat type DSB 420 IRB	Deutsche Schlauchboot- fabrik Hans Scheibert (Approved only for new- buildings 1586 and 1594 only)	23-06-1988 2326/87/305.1 " * "	06-93
Rescue boat type 5,8m Rescue for 6 persons	Jörgensen & Vik A/S, Norway	16-06-1989 576/351/89 " * "	06-94
Rescue boat type ALUSAFE MOB 700 S for 6 persons	A/s Ulstein Forsynings- tjeneste/Scan-Marine Oy	03-09-1990 948/351/90 " * "	09-95
Rescue boat type WEEDO 17 SOLAS for 6 persons	A/s Ulstein Forsynings- tjeneste/Scan-Marine Oy	05-02-1991 2437/351/90 " * "	02-96

LIFEBOATS:

Lifeboat type 379 for 90 persons	M.A.L.E Ltd Waterman	23-06-1988 1258/86/305.1 " * "	06-93
Lifeboat type 378 for 92 persons	M.A.L.E Ltd Waterman	23-06-1988 2847/85/305.1 " * "	06-93

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifeboat type 361 for 150 persons	M.A.L.E Ltd Waterman	23-06-1988 52/81/301 " * "	05-93
Lifeboat type 351 for 58 persons	M.A.L.E Ltd Waterman	23-06-1988 1647/77/301 " * "	06-93
Lifeboat type 377 for 30 persons	M.A.L.E Ltd Waterman	23-06-1988 1557/85/305.1 " * "	06-93
Lifeboat type 374 for 56 persons	M.A.L.E Ltd Waterman	23-06-1988 1766/84/305.1 " * "	06-93
Lifeboat type 375 for 22 persons	M.A.L.E Ltd Waterman	23-06-1988 275/86/305.1 " * "	06-93
Lifeboat type 371 for 82 persons	M.A.L.E Ltd Waterman	23-06-1988 1258/86/305.1 " * "	06-93
Lifeboat type MCB24 for 48 persons	Harding Safety A/s (dry cargo version)	16-05-1991 1716/320/90 " * "	05-96
Lifeboat type 366 for 72 persons	M.A.L.E Ltd Waterman	23-06-1988 1258/86/305.1 " * "	06-93
Lifeboat type 386 for 102 persons	M.A.L.E Ltd Waterman	23-06-1988 275/86/305.1 " * "	06-93
Lifeboat type 382 for 101 persons	M.A.L.E Ltd Waterman	23-06-1988 1258/86/305.1 " * "	06-93
Lifeboat type 368 for 15 persons	M.A.L.E Ltd Waterman	23-06-1988 1258/86/305.1 " * "	06-93
Lifeboat type 369 for 42 persons	M.A.L.E Ltd Waterman	23-06-1988 1558/85/305.1 " * "	06-93
Lifeboat type 322 for 40 persons	M.A.L.E Ltd Waterman	09-11-1976 892/76/301 " * "	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifeboat type 361 for 150 persons	M.A.L.E Ltd Waterman	16-03-1981 52/81/301 " * "	---
Lifeboat type 351 for 58 persons	M.A.L.E Ltd Waterman	28-03-1978 1647/77/301 " * "	---
Lifeboat type 321 for 40 persons	M.A.L.E Ltd Waterman	09-11-1981 3554/76/301 " * "	---
Lifeboat type 329 for 65 persons	M.A.L.E Ltd Waterman	09-11-1976 4632/76/301 " * "	---
Lifeboat type 343 for 102 persons	M.A.L.E Ltd Waterman	09-11-1976 2406/76/301 " * "	---
Lifeboat type 339 for 50 persons	M.A.L.E Ltd Waterman	23-10-1975 3340/75/301 " * "	---
Lifeboat type 49/R and 47/M	Sotrather Iberia S.A, Spain	22-04-1975 2788/74/301	---
Lifeboat type 320 for 25 persons	M.A.L.E Ltd Waterman	23-06-1988 4496/78/301 " * "	---
Lifeboat type 324 for 76 persons	Waterman Oy	23-06-1988 4496/78/301 " * "	---
Lifeboat type 355 for 10 persons	Waterman Oy	23-06-1988 4496/78/301 " * "	---
Lifeboat type 360 for 18 persons	Waterman Oy	23-06-1988 4496/78/301 " * "	---
Lifeboat type 391 for 150 persons	M.A.L.E Ltd Oy Waterman	18-10-1990 2083/351/90 " * "	10-95
Lifeboat type GFF 6.6 (free-fall, 14 pers.)	Ernst Hatecke GmbH Germany	20-12-1988 1834/351/88 " * "	12-93

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifeboat type GFF 6.6 (free-fall, 18 pers.)	Ernst Hatecke GmbH Germany	15-01-1990 1834/351/88 " * "	01-95
Lifeboat type GFF 5.7 (free-fall, 12 pers.)	Ernst Hatecke GmbH Germany	16-06-1989 1138/351/88 " * "	06-94
Lifeboat type T.E.L.B 34 persons	Jørgensen & Vik Norway (Approved for new- building 539 only)	16-06-1989 1559/87/302 " * "	06-94
Lifeboat type PEL 150	Harding Safety A/s Norway	16-06-1989 607/302/88 " * "	06-94
Lifeboat type FF-700 (free fall) for 26 persons	Harding Safety A/S, Norway	23-10-1990 2164/351/90 " * "	10-95
Lifeboat type MPC-34 96 persons	Harding Safety A/S, Norway	14-05-1991 22/351/91 " * "	05-96
Life-/Tenderboat type CTL-36 115 persons	Harding Safety A/S, Norway	14-05-1991 9/351/91 " * "	05-96
Lifeboat type PEL 150 150 persons	Shipyard Greben Yugoslavia (Approved for new- building 357 only)	26-05-1989 2648/87/305.1 " * "	05-94

SHIP BOATS:

Ship boat type 364 for 7 persons	M.A.L.E Ltd Waterman	10-04-1981 3434/80/301	---
Ship boat type 364 for 6 persons	M.A.L.E Ltd Oy Waterman	1380/351/90	

IMPORTER/MANUFACTURER

APPROVED/
KD NO.DATE OF
EXPIRYDAVITS:

Schat Pivot Gravity type SPG(L) winch type BE 4.5	Schat-Davit Company GmbH, Germany	28-09-1987 1857/86/305.1 " * "	09-92
Gravity type ND winch type 16 - EW	Schat-Davit Company GmbH, Germany	15-11-1989 984/320/89 " * "	11-94
Lifeboat Davit type NT 174/22 winch type 2-38-10	Schat Davit Company GmbH, Germany	31-01-1990 724/320/89 " * "	01-95
Life-/rescueboat davit type LT 24/14 winch type 16 EBR	Schat Davit Company GmbH, Germany	31-01-1990 724/320/89 " * "	01-95
Schat Roller Track Gravity type GRA (5300 kg) winch type BE 4.5	Schat-Davit Company GmbH, Germany	20-08-1987 1673/86/302 " * "	08-92
Schat Roller Track Gravity type GRA (17950 kg) winch type BE 10	Schat-Davit Company GmbH, Germany	20-08-1987 1673/86/302 " * "	08-92
Schat Roller Track Gravity type GRA (12100 kg) winch type BE 10	Schat-Davit Company GmbH, Germany	20-08-1987 1673/86/302 " * "	08-92
Schat Single Arm Slewing Davit Liferaft Davit	Schat-Davit Company GmbH, Germany	09-12-1987 1673/86/302 " * "	12-92
Lifeboat davit NT 183/26 winch type 2-38-10	Schat-Davit Company GmbH, Germany (Pitot Gravity)	03-01-1989 2773/351/88 " * "	01-94
Lifeboat davit HP 168/22	Schat-Davit Company GmbH, Germany	24-05-1991 1760/351/90	05-96
Liferaft davit SRR 360/3.65/21 winch type 08-02	Schat-Davit Company GmbH, Germany	03-01-1989 2773/351/88 " * "	01-94
Rescue boat davit SAT 21/20 winch type 2-22-13	Schat-Davit Company GmbH, Germany	03-01-1989 2773/351/88 " * "	01-94

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Rescue boat davit type SAP winch type 24 EP	Schat-Davit Company GmbH, Germany	03-01-1989 2347/351/88 " * "	01-94
Rescue boat davit type MOB 350/3/7,5E	Schat-Davit Company GmbH, Germany	07-09-1990 1760/351/90	09-95
Rescue boat davit type SPMOB-VHCL 270/ 2-6/15-20 winch type 08-32	Schat-Davit Company GmbH, Germany	20-08-1990 1615/320/89 " * "	08-95
Rescue boat davit type SAHP 28/20	Schat-Davit Company GmbH, Germany	24-05-1991 1422/320/90 " * "	05-96
Rescue lifeboat davit type D-269	Welin Lambie Ltd, England	19-11-1986 278/85/302 " * "	11-91
Liferaft davit type 5612/7102 SWL 2.1 ton	Welin Lambie Ltd, England	05-04-1989 754/351/89 " * "	04-94
Lifeboat davit SPG 20 Modele II winch type TBE 2,17 CDE 2958 1/2	Societe Nouvelle ACEBI SA, France	27-07-1989 902/351/89 " * "	07-94
Rescueboat davit type SPG U winch type TBE 2,16 CDE 2968	Societe Nouvelle ACEBI SA, France	27-07-1989 902/351/89 " * "	07-94
Lifeboat davit type Vip 20 winch EW 12 PLDR	Harding Safety A/S, Norway	31-05-1989 159/351/89 " * "	05-94
Lifeboat davit type VIP 8 Winch type EW 8 PLHS	Harding Safety A/S, Norway	31-03-1989 159/351/89 " * "	03-94
Rescueboat davit type SA 3760 winch type EW 5 PL	Hardin Safety A/S, Norway	08-02-1990 385/351/90 " * "	02-95
Liferaft davit type HD/25-2100 winch type W 2100 S	Harding Safety A/S, Norway	06-02-1990 384/351/90 " * "	02-95
Lifeboat davit type HD/PD 20 winch type EW 12 PL	Harding Safety A/S, Norway	06-02-1990 2521/351/89 " * "	02-95

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Lifeboat winch type HD/EW-12-PL	Harding Safety A/S, Norway	28-02-1990 2306/351/88 " * "	02-95
Launching/retrieval system type LA700 for free-fall lifeboats with winch type EW-02-PL	Harding Safety A/S, Norway	22-10-1990 1967/351/90 " * "	10-95
Liferaft davit type 5612/7102 winch type W-10295 SWL=2.1 tons	Aktiebolaget Welin Sweden	31-05-1989 2304/351/88 " * "	05-94
Lifeboat davit type D-RT 180 Winch 26.01 SWL=8.6 T	Davit International GmbH, Germany	15-05-1990 1214/320/89 " * "	05-95
Life-/rescueboat davit type D-RT 50. Winch 12.11 SWL=2.7 T	Davit International GmbH, Germany	15-05-1990 1214/320/89 " * "	05-95
Liferaft davit type D-RC -21/4 SWL=2.1 T Winch 04.08.02	Davit International GmbH, Germany	15-05-1990 1214/320/89 " * "	05-95
<u>RADAR REFLECTORS:</u>			
Radar reflector type TR-1 (for liferafts)	Autoflug GmbH Germany	19-09-1988 305/351/88 " * "	09-93
Radar reflector type KR-1 (for liferafts)	Oy Maritim Ab/ Japan	04-03.1990 1961/351/88 " * "	03-95
<u>MACHINE INSTRUCTION PRINTERS:</u>			
Machine instruction printer Neman Recorder	Sähkö-Lähteenmäki Oy	24-03-1975 977/75/301	---
Machine instruction printer Statronic	Statronic A/S, Norway	10-04-1975 1480/75/301	---
Machine instruction printer OSK-3-4, OVK-3, OSK-4, OVR-2	Svenska Ackumulator- aktiebolaget Jungner	14-02-1969 1154/68/301	---
Machine instruction printer Zander & Ingeström	Zander & Ingeström AB	24-02-1967 800/67/301	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Machine instruction printer Burk	Fresta Oy/Württember- gische Uhrenfabrik	02-11-1965 1627/65/301	---

LIFEBOAT COVERS:

Lifeboat cover PVK - 66	Rymaco Oy/Tikkurilan Silkki	05-04-1966 733/66/301	---
Lifeboat cover FINSKT KAPELL	Peiteneulomo Tarpaulin	29-03-1966 172/66/301	---
Lifeboat cover SOLAS	Oy Flinkenberg & Co Ab	12-10-1965 4612/64/301	---
Lifeboat cover WG	Oy Interco Ab/ W. Giertsen A/S, Norway	15-02-1966 442/66/301	---
Lifeboat cover material POLYPLAN	Oy Suomen Sattler Ab	27-08-1974 1058/74/301	---
Lifeboat cover material WALRAF TEXTILWERKE	Oy Waterman Ab	14-09-1965 686/65/301	---

LIFEJACKETS FOR RECREATIONAL USE:

Camaro Youngster Size: 10-20 kg 20-40 kg	Ky Celestial Kb	26-02-1986 327/86/305.1	02-91
Camaro Youngster Max. size 15 kg	Ky Celestial Kb	18-04-1988 815/351/88	04-93
Camaro Sea Size: 40-60 kg 60-80 kg over 80 kg	Ky Celestial Kb	10-04-1989 685/351/89	04-94
K-460 Mini Size: 3-15 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	14-09-1987 1577/87/305.1	09-92
K-582 Off-shore Size: 40-50 kg 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	04-05-1988 884/351/88	05-92

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
K-975 Skipmate Size: 10-15 kg 15-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	14-09-1987 1577/87/305.1	09-92
K-993 Navigare Size: 10-15 kg 15-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	14-09-1987 1577/87/305.1	09-92
K-995 Navigare Flash Size: 10-15kg 15-20kg 20-30kg 30-40kg 40-60kg 60-80kg over 80kg (XL) over 80kg (XXL)	Oy Maritim Ab/Helly- Hansen A/S, Norway	10-11-1989 2353/351/89	11-94
Flyer Sport Size: 10-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg over 80 kg	Oy Waltic Ab (renewed 15.2.1991)	29-05-1984 926/84/305.1	05-94
Merinyl Sport Size: 10-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg over 80 kg	Oy Bennex Ab	20-05-1980 1899/80/301	---
Skipper 2 Size: 20-30 kg	Oy Rymaco Ab	06-04-1978 790/78/301	---
Skipper 2 Safety Size: 40-60 kg 60-80 kg over 80 kg	Oy Rymaco Ab	14-03-1978 4610/77/301	---

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Skipper 2 Size: 30-40 kg 40-60 kg 60-80 kg over 80 kg	Oy Rymaco Ab	04-01-1977 4771/76/301	---
Rymaco Baltic Size: 15-30 kg 30-40 kg 40-60 kg 60-80 kg over 80 kg	Oy Rymaco Ab	23-05-1990 850/351/90	05-95
Merinyl Soft Size: 20-30 kg 30-40 kg 40-60 kg 60-80 kg over 80 kg	Oy Bennex Ab	12-04-1977 1522/77/301	---
Merinyl Size: 40-60 kg 60-80 kg over 80 kg	Oy Bennex Ab	12-04-1977 1522/77/301	---
Sailor Size: 15-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg over 80 kg	Luhta Oy/Rukka Art. No. 50050	03-12-1980 3567/80/301 3611/85/305.1	---
Sailor size: 15 kg max	Luhta Oy/Rukka Art.No. 52250	29-03-1990 628/351/90	03-95
Hamils-Lux Size: under 20 kg 20-40 kg 40-60 kg 60-80 kg over 80 kg	Oy Lahden Nahka	24-01-1977 1935/76/301	---

BUOYANCY AIDS:

Sea-Hamillon Size: 50-60 kg (Nos. 36,38) 60-80 kg (Nos. 40,42) 60-80 kg (Nos. 46,48,50,52) over 80 kg (Nos. 54,56,58,60)	Tampereen Koriosa Oy	03-08-1987 1558/87/305	08-92
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	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Hamillon Size: 40-60 kg 60-80 kg over 80 kg	Lahden Nahka Oy	25-11-1977 4246/77/301	---
Poliisi Size: 60-80 kg over 80 kg	Tukku-Tuote Oy	27-08-1986 1945/86/305.1	08-91
Navy Size: over 80 kg	Tukku-Tuote Oy	15-05-1989 575/351/89	05-94
Smart Size: 40-50 kg 50-60 kg 60-80 kg over 80 kg	Luhta Oy/Rukka Art.No. 50450 Art.No. 52151(striped)	02-03-1987 267/87/305.1	03-92
Just size: 40-50 kg (XS) 50-60 kg (S) 60-80 kg (L) over 80 kg (XL) over 80 kg (XXL)	Luhta Oy/Rukka Art.No. 52050 Art.No. 50552(terrain) Art.No. 6009	05-03-1990 393/351/90	03-95
Free II Size: 40-50 kg 50-60 kg 60-80 kg over 80 kg	Luhta Oy/Rukka (renewed 14.06.1991) Art.No. 50250 Art.No. 50251	23-01-1986 3599/85/305.1	01-96
Kanot Size : 40-60 kg 60-80 kg(6051) over 80 kg(6052)	Luhta Oy/Rukka Art.No. 50351	28-03-1989 214/351/89	03-94
Sport Size: 40-50 kg 50-60 kg 60-80 kg over 80 kg	Luhta Oy/Rukka Art.No. 50150 Art.No. 51950	16-04-1980 4376/77/301	---
Skipper Size: 40-50 kg (XS) 50-60 kg (S) 60-80 kg (M) over 80 kg (L) over 80 kg (XL) over 80 kg (XXL)	Luhta Oy/Rukka Art.No. 50650 Art.No. 50652(terrain) Art.No. 6007	26-05-1988 1157/351/88	05-93
Kiel Size: 40-60 kg 60-80 kg over 80 kg	Luhta Oy/Rukka Art.No. 50351	10-05-1989 215/351/89	05-94

IMPORTER/MANUFACTURER		APPROVED/ KD NO.	DATE OF EXPIRY
Hokka Sailing Size: 40-50 kg (S) 50-60 kg (M) 60-80 kg (L) over 80 kg (XL) and (XXL)	Hokka Oy	31-10-1986 2438/86/305.1	10-91
Hokka Fishing Size: 40-50 kg (S) 50-60 kg (M) 60-80 kg (L) over 80 kg (XL) over 80 kg (XXL)	Hokka Oy	23-09-1987 1843/87/305.1	09-92
Almarine I Size: 40-60 kg (Nos.36,38,40,42,44,46) 60-80 kg (Nos.48,50,52) over 80 kg (Nos.54,56,58)	Top-Marine Oy (renewed 3.5.1989)	02-11-1984 3997/333/84	12-94
Almarin Surf Size: 50-60 kg 60-80 kg over 80 kg	Antti Luhtala Ky	02-02-1981 3675/80/301	---
Almarin R Size: 50-60 kg 60-80 kg over 80 kg	Antti Luhtala Ky	10-09-1979 485/79/301	---
Almarin Size: 50-60 kg 60-80 kg for ladies 60-80 kg over 80 kg for men	Antti Luhtala Ky	18-10-1977 1848/77/301	---
Almarine II size: 40-60 kg (No:36,38,40,42,44,46) 60-80 kg (No:48,50,52) over 80 kg (No:54,56,60)	Top-Marine Oy	07-09-1988 1866/351/88	09-93
Camaro Sportline Size: 40-60 kg 60-80 kg over 80 kg	Ky Celestial Kb (renewed 18.4.1989)	09-04-1984 1181/84/305.1	04-94
Camaro Lokki Size: 40-60kg 60-80kg over 80kg	Ky Celestial Kb	10-04-1989 685/351/89	04-94

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Camaro Star Size: 40-60 kg 60-80 kg over 80 kg	Ky Celestial Kb	10-04-1989 685/351/89	04-94
Camaro Sport Size: 40-60 kg 60-80 kg over 80 kg	Ky Celestial Kb	10-04-1989 685/351/89	04-94
Kippari Size: 50-60 kg 60-80 kg over 80 kg	Oy Rymaco Ab (renewed 28.5.1990)	29-04-1985 1348/85/305.1	04-95
Racing Size: 40-50 kg 50-60 kg 60-80 kg over 80 kg	Oy Rymaco Ab	20-05-1980 1794/80/301	---
Flyer Racing Size: 40-60 kg 60-80 kg over 80 kg	Oy Waltic Ab (renewed 15.2.1991)	16-04-1984 926/84/305.1	04-94
Flyer Capri Size: 40-60 kg(S) 60-80 kg(M) over 80 kg(L)	Oy Waltic Ab	15-02-1991 5/351/91 (192/351/90)	02-96
Rio Size: 40-60 kg 60-80 kg over 80 kg	Oy Waltic Ab	15-02-1991 5/351/91 (2949/87/305.1)	02-96
Mereily Racing Size: 50-60 kg 60-70 kg 70-80 kg 80-90 kg 90-110 kg	Oy Mereily Ab	12-04-1977 3247/76/301	---
Skipper D-270 Size: 50-60 kg (XS) 60-80 kg (S) 60-80 kg (M) over 80 kg (L) over 80 kg (XL)	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987 1655/87/305.1	09-92

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Commodore K-303 Size: 40-50 kg (No.46) 50-60 kg (Nos.48,50) 60-80 kg (Nos.52,54) over 80 kg (Nos.56,58)	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987 1655/87/305.1	09-92
Spinnaker K-420 Size: 40-50 kg 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987 1655/87/305.1	09-92
Sport K-405 Size: 40-50 kg 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987 1655/87/305.1	09-92
Paddler K-958 Size: 40-60 kg 60-80 kg	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987 1655/87/305.1	09-92
Sailor D-274 Size: 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly Hansen A/S, Norway	04-01-1988 2852/87/305.1	01-93
Sport K-404 Size: 30-40 kg 60-80 kg over 80 kg Size: over 100 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	14-11-1989 2351/351/89 20-08-1990	11-94 08-95
Spinnaker K-424 Size: 30-40 kg 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	14-11-1989 2352/351/89	11-94
Tornado K-434 Size: 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	10-01-1990 2503/351/89	01-95
Hunter K-430 Size: 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	10-01-1990 2503/351/89	01-95

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
Floating Jacket D 275 Size: 50-60 kg (XS) 60-80 kg (M) over 80 kg (L) over 80 kg (XL)	Oy Maritim Ab/Helly- Hansen A/S, Norway	18-09-1990 1882/351/90	09-95
Easy K-400 Size: 30-40 kg 40-50 kg 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	18-09-1990 1882/351/90	09-95
Offshore Olympic K-583 Size: 40-50 kg 50-60 kg 60-80 kg over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	31-01-1991 1/351/91	01-96
Bekas Delfin(overall) Size: 40-60 kg (XS) 60-80 kg (S) over 80 kg (M) over 80 kg (L) over 80 kg (XL) over 80 kg (XXL)	Tmi Kari Puranen	22-10-1990 1843/351/90	10-95
Best Vest size: 40-60 kg (XS) 40-60 kg (S) 60-80 kg (M) over 80 kg (L) over 80 kg (XL)	Best Marine Oy	31-01-1991 1261/351/90	01-96
"Floating Jacket" Almarin size: 40-60 kg (XS) Pilot 45N 40-60 kg (XS) Lux 45N 60-80 kg (M) Pilot 49N 60-80 kg (M) Lux 57N over 80 kg (XL) Pilot 59N over 80 kg (XL) Lux 56N	Almarin International Inc., USA	15-03-1991 8/351/91	03-96

	IMPORTER/MANUFACTURER	APPROVED/ KD NO.	DATE OF EXPIRY
<u>BUOYANCY MATERIAL:</u>			
Termolon 30	Oy Termonova	10-03-1988 508/88	03-93
Termolon	Oy Termonova	03-08-1987 1037/87/305.1	08-92
Vitacel Buoyancy foam type 5/50	British Vita Company/ 04350/Nahkela, Finland	17-06-1977 2115/77/301	---
Vitacel Buoyancy foam type 5/65	British Vita Company/ 04350/Nahkela, Finland	02-02-1979 321/79/301	---
Airex Buoyancy foam type S 32.50	Oy Dynos Ab/ Airex AG, Switzerland	03-11-1980 2416/80/301	---
Airex Buoyancy foam type S 30.50	Oy Dynos Ab/ Airex AG, Switzerland	11-09-1975 3312/75/301	---
Airex Buoyancy foam type S 10.70	Oy Dynos Ab/ Airex AG, Switzerland	17-05-1977 1915/77/301	---
Trocellen Buoyancy foam type 2540W	Nemitex Oy/Dynamit Nobel	28-11-1975 3200/78/301	---
Alveolit Buoyancy foam type Alveolit FR and Alveolux A FR	Oy Banmark Ab/ Alveo AG, Switzerland	04-05-1978 1331/78/301	---
Sentinel Buoyancy foam type 5mm LW	Sentinel Foam Products Europe n.v./Belgium	21-04-1987 440/87/305.1	04-92

WHISTLES FOR LIFEBOUYS:

Whistle type The Acme City	Oy Maritim Ab	07-09-1962 3076/62/301	---
Whistle type Seadog	Oy Rymaco Ab	03-05-1966 1260/66/301	---
Whistle type VP-7	Oy Plastopor Ab	13-05-1966 1094/66/301	---
Whistle type Perrywhistle	R.Perry & Company	30-08-1966 2392/66/301	---

IMPORTER/MANUFACTURER

APPROVED/
KD NO.DATE OF
EXPIRYLIFEJACKETS COVER
MATERIAL:

Sofinal type 5423	Oy Satex Ab/Sofinal M.V-S.A.Waregem, Belgium (renewed 30.8.1989)	12-09-1984 1804/351/89	09-94
Contesa-Devos type VN3A/66 SG Colour 2943/orange	Oy Satex Ab/ Contesa-Devos NV Belgium	21-06-1982 1866/82/3051	
Crepe Weavers type 4031 and 4041	Oy Keha/ Crepe Weavers Ltd	10-11-1989 2037/351/89 " * "	11-94
Crepe Weavers type TR 495 Nylon Poult	Oy Keha/ Crepe Weavers Ltd	15-10-1979	---
Fodervävnader Type 1886/6298	Ab Fodervävnader, Sweden	24-02-1982 541/82/5051	---
Fodervävnader type Cadet 4885, 4900 and 4913 Jetland Tasplant Print 1887	Ab Fodervävnader, Sweden	28-04-1980 1372/80/301	---
Mosjöen Veveri type 31605	Oy Textil Norion Ab/ Mosjöen Veveri, Norway	03-11-1980 3181/81/301	---
Carrington Perfor- mance type N4004 shade orange 180	Oy Viljo Hameri/Carring- ton Performance Fabric, England	03-11-1980 2219/80/301	---